

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-002938**Date Inspected:** 10-Nov-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**Location:** Changxing Dao, Shanghai**Quality Control Contact:** Don Walton**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Coatings Inspection**Bridge No:** 34-0006**Component:** Sub-Assemblies (OBG) and Office.**Bid Item:** 77, 78, 79**Lot No:****Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE III coating inspector, Mr. Kenneth W. Cason Jr. arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections is to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA NACE III coating inspector observed the following:

Sub-Assemblies (OBG)

Splices, L splice, Bike Path, Shim Plate (See NOI for Part List), NOI 4958: In accordance with project specifications and SSPC-SP 1, ABF and ZPMC Quality Assurance/Control representatives observed the surface condition on Splices, L splice, Bike Path, Shim Plate (See NOI for Part List) in preparation for Interzinc 22 installation. ABF and ZPMC Quality Assurance/Control representatives noted minor discrepancies in the surface preparation (blast). ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection prior to proceeding with process to the next check point.

Crash Barriers Internal Surfaces (92 Each), NOI Number 4959: In accordance with project specifications, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the Interzinc 22 installation on Crash Barriers Internal Surfaces (92 Each). ABF and ZPMC QA/QC noted discrepancies in the Interzinc 22 installation (low DFT readings and holidays). ABF Quality Assurance personnel instructed ZPMC to re-work parts and re-submit for inspection.

Crash Barrier Cover Plates External Surfaces (239 Each), NOI Number 4960: In accordance with project

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specifications, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the final coat installation on Crash Barrier Cover Plates External Surfaces (239 Each). ABF and ZPMC QA/QC recorded final surface dry film thickness readings (DFT) in accordance with SSPC-PA2. No discrepancies noted.

Splices (999 Each), NOI Number 4962: In preparation for undercoat installation, and in accordance with project specifications and SSPC-SP 1, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the surface preparation on Splices (999 Each). No discrepancies noted and ABF Quality Assurance personnel instructed ZPMC to proceed with process to the next check point.

GGL-MQ-695 (650 Each) and GGL-MQ-699 (50 Each), NOI Number 4963: In accordance with project specifications, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the Interzinc 22 installation on GGL-MQ-695 (650 Each) and GGL-MQ-699 (50 Each). ABF and ZPMC QA/QC noted discrepancies requiring touch up in the Interzinc 22 installation. ABF Quality Assurance personnel instructed ZPMC to re-work parts and re-submit for inspection.

Office

Attend to report writing and photo documentation.

Note: Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact , who represents the Office of Structural Materials for your project.

Inspected By:	Cason,Kenneth	Quality Assurance Inspector
Reviewed By:	Miller,Mark	QA Reviewer
